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DALLAS SEMICONDUCTOR

DS9094
iButton™ Clip

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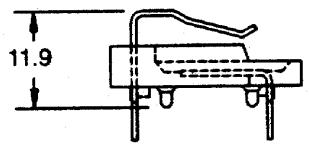
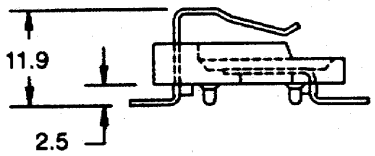
FEATURES

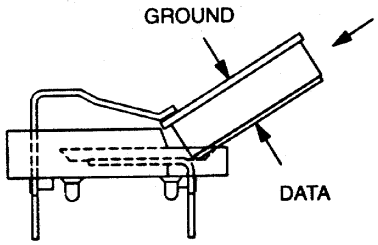
- Low-cost holder for 16.3 mm MicroCan
- Printed circuit board mount
- Contacts are 302 spring stainless steel
- Flammability rating: UL94V-O
- Two versions:
  - DS9094F for F5 MicroCan (flanged rim, 5.8 mm high)
  - DS9094FS for surface mounting F5 MicroCan (flanged rim, 5.8 mm high)
- Printed circuit contacts are selectively tin-lead plated for improved solderability



DS9094F

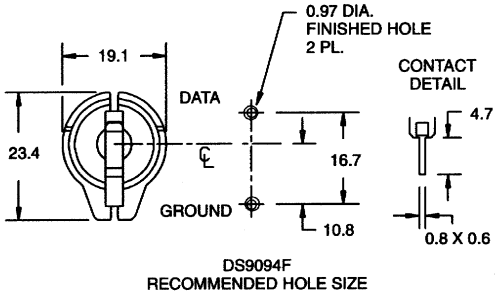


DS9094FS

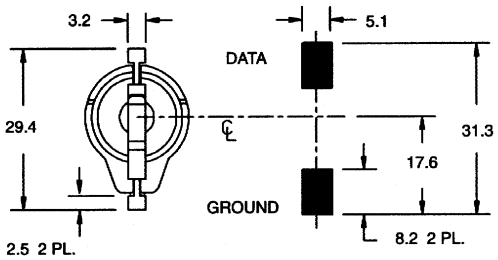


INSERTION OF iButton

PC BOARD MOUNTING DETAILS



DS9094F
RECOMMENDED HOLE SIZE



DS9094FS
RECOMMENDED PAD SIZE

All dimensions are in millimeters.

DESCRIPTION

The DS9094 iButton Clip holds an iButton and connects to a printed circuit board. By deflecting the spring clip in the molded housing, an iButton can be inserted and extracted without special tools. If reverse insertion is attempted, the beveled edge on the housing prevents contact.

NOTE:

Due to the large variation of cycles and temperatures in reflow ovens, it is recommended to experiment with this clip first before using it in production. If guaranteed compliance with the reflow soldering process is required, the DS9098 iButton Retainer should be preferred.